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TEXTILE ORGANON

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MONTHLY REVIEW

Highlights

Textile Organon Features:

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In April, shipments of noncellulosic yarn+monofilaments totaled 330.8 million pounds, 1.7% below the 336.5 million pounds shipped in March.

- ***Nylon industrial yarn*** shipments fell 3.6% to 29.5 million pounds.
- ***Nylon carpet yarn*** shipments fell 3.8% to 76.9 million pounds.
- ***Polyester industrial yarn*** shipments decreased by 5.8% to 27.7 million pounds.
- ***Olefin yarn*** shipments fell by 2.1% to 88.9 million pounds.

In April, noncellulosic staple+tow shipments totaled 365.6 million pounds, 2.5% below the 375.0 million pounds shipped in March.

- ***Polyester staple+tow*** shipments decreased by 4.5% to 194.6 million pounds.
- ***Acrylic staple*** shipments fell by 5.5% to 51.2 million pounds.
- ***Nylon staple*** shipments rose by 2.9% to 88.7 million pounds.

Rayon staple shipments fell by 8.0% to 33.2 million pounds in April.

TABLE 1:
TOTAL MAN-MADE FIBER SHIPMENTS
MILLION POUNDS & *PERCENT CHANGE*

ITEM	1987 APR	1987 MAR	% [a]	1986 APR	% [b]	YEAR TO DATE 1987	YEAR TO DATE 1986	% [c]
YARN+MONOFILAMENTS								
CELLULOSIC YARN	**16.5**	**15.9**	***+3.8***	**19.4**	***-14.9***	**60.7**	**72.7**	***-16.5***
NYLON[d]- INDUSTRIAL	29.5	30.6	*-3.6*	29.1	*+1.4*	123.9	113.7	*+9.0*
- CARPET	76.9	79.9	*-3.8*	75.7	*+1.6*	309.5	287.5	*+7.7*
- TEXTILE [e]	32.1	33.5	*-4.2*	32.1	--	126.5	125.8	*+0.6*
POLYESTER - INDUSTRIAL	27.7	29.4	*-5.8*	26.7	*+3.7*	111.3	108.4	*+2.7*
- TEXTILE [e]	75.7	72.3	*+4.7*	68.3	*+10.8*	275.3	293.2	*-6.1*
OLEFIN	88.9	90.8	*-2.1*	83.9	*+6.0*	359.6	327.6	*+9.8*
TOTAL NONCELLULOSIC ABOVE	**330.8**	**336.5**	***-1.7***	**315.8**	***+4.7***	**1306.1**	**1256.2**	***+4.0***
STAPLE+TOW+FIBERFILL								
RAYON	**33.2**	**36.1**	***-8.0***	**32.7**	***+1.5***	**133.1**	**130.6**	***+1.9***
NYLON[d]	88.7	86.2	*+2.9*	67.1	*+32.2*	340.2	266.2	*+27.8*
ACRYLIC+MODACRYLIC	51.2	54.2	*-5.5*	55.7	*-8.1*	205.3	205.9	*-0.3*
POLYESTER	194.6	203.8	*-4.5*	180.8	*+7.6*	774.1	705.6	*+9.7*
OLEFIN+VINYON[f]	31.1	30.8	*+1.0*	28.2	*+10.3*	118.0	106.3	*+11.0*
TOTAL NONCELLULOSIC ABOVE	**365.6**	**375.0**	***-2.5***	**331.8**	***+10.2***	**1437.6**	**1284.0**	***+12.0***

a. Percent change from previous month to current month.
b. Percent change to current month from same month last year.
c. Percent change from cumulative total last year to cumulative total this year.
d. Nylon excludes Aramid.
e. Low denier industrial nylon and polyester is included with Textile.
f. 1987 data excludes Vinyon.

Textile Organon

A Monthly Review

MAY 1987

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1986 PER CAPITA CONSUMPTION REVIEW

Per capita consumption of all fibers grew to 64.7 pounds in 1986, 9.5% above the 59.1 pounds recorded in 1985.

In 1986, per capita consumption was at its highest level since 1973, when an average 65.7 pounds of fibers were consumed by each person in the United States (Table 3). Although U.S. fiber consumption, excluding glass, reached an all time high of 15,647 million pounds in 1986, per capita fiber consumption was one pound per person less in 1986 than it was in 1973. Obviously U.S. population growth between 1973 and 1986 has outstripped growth in fiber consumption.

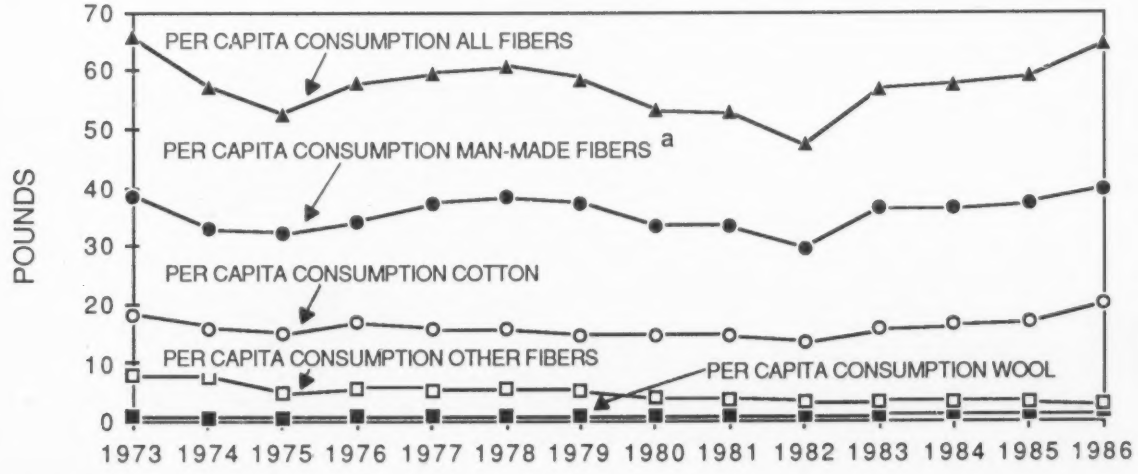
In 1986, per capita GNP grew 1.3% over 1985, while per capita man-made fiber consumption increased 6.4%, cotton per capita consumption rose 19.4%, wool increased 21.4%, while other fibers (silk, linen, jute and sisal & others) fell 12.1%.

TABLE & GRAPH SUMMARY

Tables and graphs contained in this feature are described as follows:

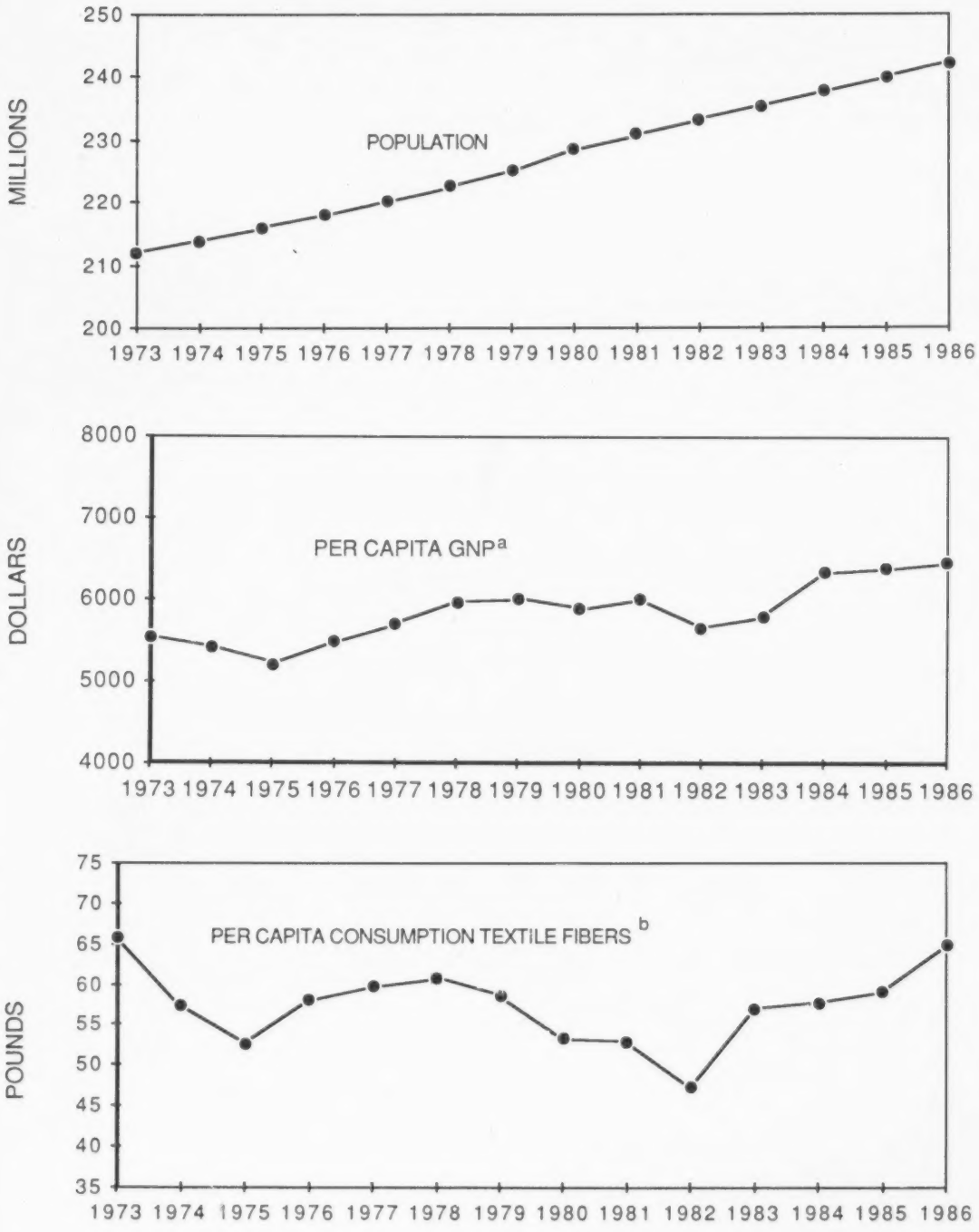
Table 2: Per capita GNP derived by dividing GNP data by population.
Table 3: Per capita consumption of all fibers.
Table 4: Summary of domestic consumption data used to calculate the per capita consumption data found in Table 3.
Table 5: Summary of mill consumption of all fibers, excluding glass fiber.
Table 6: Percentage change and relative growth over time of population, per capita GNP and per capita consumption of the various fibers.
Table 7: Summary of imports of semimanufactured and manufactured products.
Table 8: Listing of imports in per capita terms and their percentage growth over time in relation to overall per capita domestic consumption.
Graph 1: Per capita consumption of all fibers as taken from the data in Table 3.
Graph 2: Growth in population and per capita GNP since 1973 in relation to the rising trend of per capita GNP data are taken from Table 2, while the per capita fiber consumption data are taken from Table 3.

GRAPH 1:
PER CAPITA CONSUMPTION



a. Data on Glass Fiber is no longer available to prevent company-level disclosure. This series, including Glass Fiber, was last published in the May 1985 issue.

GRAPH 2:
COMPARISON OF POPULATION, GNP & PER CAPITA CONSUMPTION OF ALL FIBERS



a. In billions of 1982 dollars.
b. Data on Glass Fiber is no longer available to prevent company-level disclosure. This series, including Glass Fiber, was last published in the May 1985 issue.

TABLE 2:
U.S. POPULATION, GROSS NATIONAL PRODUCT & PER CAPITA GROSS NATIONAL PRODUCT

YEAR	POPULATION [a]	GNP [b]	PER CAPITA GNP [c]
1973	211.9	1175.0	5545
1974	213.9	1159.2	5419
1975	216.0	1125.0	5208
1976	218.0	1194.7	5480
1977	220.2	1256.2	5705
1978	222.6	1329.1	5971
1979	225.1	1354.6	6018
1980	228.5	1344.2	5883
1981	230.9	1386.0	6003
1982	233.2	1319.1	5657
1983	235.4	1364.4	5796
1984	237.7	1506.4	6337
1985	240.0	1533.2	6388
1986	242.2	1567.1	6470

SOURCE: Current Population Reports, U.S. Dept of Commerce Bureau of the Census.
Survey of Current Business, U.S. Dept. of Commerce Bureau of Economic Analysis.

a. In millions.
b. In billions of 1982 dollars.
c. In dollars.

TABLE 3:
U.S. PER CAPITA FIBER CONSUMPTION [a]
POUNDS

		PER CAPITA				
PERIOD [b]	POPULATION	MAN-MADE FIBER [c]	COTTON	WOOL	OTHER FIBERS	TOTAL
1975-1979	220.4	36.0	15.6	0.9	5.4	57.9
1980-1984	232.3	33.9	15.0	1.1	3.6	53.6
1973	211.9	38.5	18.3	1.0	7.9	65.7
1974	213.9	32.9	16.0	0.7	7.7	57.3
1975	216.0	32.2	14.9	0.7	4.8	52.6
1976	218.0	34.4	16.9	0.9	5.8	58.0
1977	220.2	37.5	15.8	0.9	5.5	59.7
1978	222.6	38.4	15.8	1.0	5.6	60.8
1979	225.1	37.5	14.8	0.9	5.3	58.5
1980	228.5	33.5	14.7	0.9	4.1	53.2
1981	230.9	33.4	14.5	1.0	3.9	52.8
1982	233.2	29.6	13.5	0.9	3.3	47.3
1983	235.4	36.5	15.8	1.2	3.4	56.9
1984	237.7	36.4	16.5	1.4	3.4	57.7
1985	240.0	37.4	17.0	1.4	3.3	59.1
1986	242.2	39.8	20.3	1.7	2.9	64.7

a. Based on total U.S. domestic consumption (mill consumption plus imports less exports of semimanufactured and manufactured products).
b. Five year averages for 1975-1984 and annual data for 1973-1986.
c. Excludes Glass Fiber. Data on Glass Fiber is no longer available due to company disclosure. This series, including Glass Fiber, was last published in the May 1985 issue.

TABLE 4:
U.S. TOTAL FIBER CONSUMPTION
MILLION POUNDS

YEAR	MAN-MADE FIBER [a]	COTTON	WOOL	OTHER FIBERS	TOTAL
1973	8165.3	3881.6	212.6	1684.1	13943.6
1974	7047.8	3416.3	146.8	1648.1	12259.0
1975	6961.0	3216.3	161.4	1038.0	11376.7
1976	7502.2	3684.4	198.7	1269.1	12654.4
1977	8259.2	3469.7	208.3	1216.0	13153.2
1978	8541.9	3530.1	222.2	1254.5	13548.7
1979	8451.8	3334.5	201.0	1189.8	13177.1
1980	7654.8	3352.2	199.1	934.1	12140.2
1981	7722.9	3325.4	234.0	910.3	12192.6
1982	6912.9	3122.7	218.8	767.1	11021.5
1983	8603.2	3711.5	274.7	808.0	13397.4
1984	8643.5	3928.4	337.5	797.2	13706.6
1985	8972.2	4164.1	364.3	789.7	14290.3
1986	9632.1	4907.5	406.0	701.4	15647.0

a. Excludes Glass Fiber. Data on Glass Fiber is no longer available due to company disclosure. This series, including Glass Fiber, was last published in the May 1985 issue.

TABLE 5:
MILL CONSUMPTION BY FIBER
BILLION POUNDS

YEAR	RAYON	ACETATE [a]	NYLON [b]	POLYESTER	ACRYLIC [c]	OLEFIN	COTTON	WOOL	OTHER FIBERS	TOTAL
1973	1.0	0.4	2.3	3.1	0.7	0.5	3.6	0.2	0.2	12.0
1974	0.8	0.3	2.0	2.9	0.6	0.5	3.3	0.1	0.2	10.7
1975	0.5	0.3	2.0	3.1	0.5	0.5	3.1	0.1	0.1	10.2
1976	0.6	0.3	2.1	3.3	0.6	0.5	3.4	0.1	0.2	11.1
1977	0.6	0.3	2.3	3.6	0.7	0.6	3.2	0.1	0.1	11.5
1978	0.6	0.3	2.5	3.7	0.6	0.7	3.0	0.1	0.2	11.7
1979	0.5	0.3	2.7	3.8	0.6	0.7	3.1	0.1	0.2	12.0
1980	0.5	0.3	2.3	3.5	0.6	0.7	3.1	0.1	0.1	11.2
1981	0.5	0.2	2.2	3.5	0.5	0.8	2.7	0.2	0.1	10.7
1982	0.3	0.2	1.9	2.9	0.5	0.8	2.5	0.1	0.1	9.3
1983	0.4	0.2	2.4	3.4	0.5	1.0	2.8	0.2	0.1	11.0
1984	0.4	0.2	2.4	3.2	0.5	1.0	2.7	0.2	0.1	10.7
1985	0.5 [d]		2.4	3.1	0.5	1.5	2.8	0.1	0.1	11.0
1986	0.6 [d]		2.5	3.2	0.6	1.5	3.3	0.2	0.1	12.0

NOTE: Data on Glass Fiber is no longer available due to company disclosure. This series, including Glass Fiber, was last published in the May 1985 issue.

a. Includes triacetate. Cigarette tow is excluded.

b. Includes Aramid for all years except 1983-1986.

c. Includes modacrylic.

d. Rayon and acetate combined.

TABLE 6:
PERCENT ANALYSIS OF POPULATION, PER CAPITA GNP AND PER CAPITA CONSUMPTION OF MAN-MADE FIBER, COTTON, WOOL & OTHER FIBERS
1973 - 1986

YEAR	POPULATION	% [a]	% [b]	PER CAPITA GNP	% [a]	% [b]	PER CAPITA CONSUMPTION: MAN-MADE FIBER [c]	% [a]	% [b]	COTTON	% [a]	% [b]	WOOL	% [a]	% [b]	OTHER FIBERS	% [a]	% [b]	ALL FIBERS	% [a]	% [b]
1973	211.9			5545			38.5			18.3			1.0			7.9			65.7		
1974	213.9	+0.9	+0.9	5419	-2.3	-2.3	32.9	-14.5	-14.5	16.0	-12.6	-12.6	0.7	-30.0	-30.0	7.7	-2.5	-2.5	57.3	-12.8	-12.8
1975	216.0	+1.0	+1.9	5208	-3.9	-6.1	32.2	-2.1	-16.4	14.9	-6.9	-18.6	0.7	--	-30.0	4.8	-37.7	-39.2	52.6	-8.2	-19.9
1976	218.0	+0.9	+2.9	5480	+5.2	-1.2	34.4	+6.8	+10.6	16.9	+13.4	-7.7	0.9	+28.6	-10.0	5.8	+20.8	-26.6	58.0	+10.3	-11.7
1977	220.2	+1.0	+3.9	5705	+4.1	+2.9	37.5	+9.0	-2.6	15.8	-6.5	-13.7	0.9	--	-10.0	5.5	-5.2	-30.4	59.7	+2.9	-9.1
1978	222.6	+1.1	+5.0	5971	+4.7	+7.7	38.4	+2.4	-0.3	15.8	--	-13.7	1.0	+11.1	--	5.6	+1.8	-29.1	60.8	+1.8	-7.5
1979	225.1	+1.1	+6.2	6018	+0.8	+8.5	37.5	-2.3	-2.6	14.8	-6.3	-19.1	0.9	-10.0	-10.0	5.3	-5.4	-32.9	58.5	-3.8	-11.0
1980	228.5	+1.5	+7.8	5883	-2.2	+6.1	33.5	-10.7	-13.0	14.7	-0.7	-19.7	0.9	--	-10.0	4.1	-22.6	-48.1	53.2	-9.1	-19.0
1981	230.9	+1.1	+9.0	6003	+2.0	+8.3	33.4	-0.3	-13.2	14.5	-1.4	-20.8	1.0	+11.1	--	3.9	-4.9	-50.6	52.8	-0.8	-19.6
1982	233.2	+1.0	+10.1	5657	-5.8	+2.0	29.6	-11.4	-23.1	13.5	-6.9	-26.2	0.9	-10.0	-10.0	3.3	-15.4	-58.2	47.3	-10.4	-28.0
1983	235.4	+0.9	+11.1	5796	+2.5	+4.5	36.5	+23.3	-5.2	15.8	+17.0	-13.7	1.2	+33.3	+20.0	3.4	+3.0	-57.0	56.9	+20.3	-13.4
1984	237.7	+1.0	+12.2	6337	+9.3	+14.3	36.4	-0.3	-5.5	16.5	+4.4	-9.8	1.4	+16.7	+40.0	3.4	--	-57.0	57.7	+1.4	-12.2
1985	240.0	+1.0	+13.3	6388	+0.8	+15.2	37.4	+2.7	-2.9	17.0	+3.0	-7.1	1.4	--	+40.0	3.3	-2.9	-58.2	59.1	+2.4	-10.0
1986	242.2	+0.9	+14.3	6470	+1.3	+16.7	39.8	+6.4	+3.4	20.3	+19.4	+10.9	1.7	+21.4	+70.0	2.9	-12.1	-63.3	64.7	+9.5	-1.5

Population is in millions of people.
Per Capita GNP is in dollars.
All other Per Capita Consumption data are in pounds.
All data are taken from the tables on page 89.

a. Percent change year to year.

b. Percent change since 1973.

c. Excludes Glass Fiber. Data on Glass Fiber is no longer available due to company disclosure. This series, including Glass Fiber, was last published in the May 1985 issue.

TABLE 7:
RAW FIBER EQULIVALENT OF IMPORTS OF MAN-MADE FIBER, COTTON & WOOL MANUFACTURES
MILLION POUNDS

	MAN-MADE FIBER						COTTON						WOOL					
	1981	1982	1983	1984	1985	1986	1981	1982	1983	1984	1985	1986	1981	1982	1983	1984	1985	1986
IMPORTS																		
SEMIMANUFACTURED PRODUCTS																		
YARN, THREAD, ETC	34.9	38.2	58.0	71.0	74.7	94.6	24.1	28.5	42.1	54.6	56.3	104.7	5.0	7.7	7.6	16.3	14.1	13.5
CLOTH	106.2	105.7	138.0	170.4	129.1	242.2	350.3	266.5	346.3	450.8	421.2	522.4	27.8	25.6	28.1	39.0	36.4	24.8
SUBTOTAL	**141.1**	**143.9**	**196.0**	**241.4**	**203.8**	**336.8**	**374.4**	**295.0**	**388.4**	**505.4**	**477.5**	**627.1**	**32.8**	**33.3**	**35.7**	**55.3**	**50.5**	**38.3**
MANUFACTURED PRODUCTS																		
WEARING APPAREL	437.1	486.5	576.0	688.9	798.1	921.7	504.0	510.5	622.8	759.5	895.5	1001.8	40.9	46.4	58.8	80.8	137.0	154.1
INDUSTRIAL	0.3	1.1	1.3	0.4	0.9	2.8	8.8	10.0	14.3	37.6	32.4	45.5	NOMINAL QUANTITIES INCLUDED IN OTHER					
HOME FURNISHINGS	} 60.6	66.5	296.1	411.3	394.2	423.0	59.5	67.0	78.0	138.9	169.7	180.9	18.5	19.6	34.8	52.1	60.8	61.3
ALL OTHER							15.2	14.7	31.9	23.4	38.6	26.0	0.9	0.8	2.6	1.2	0.6	1.6
SUBTOTAL	**498.0**	**554.1**	**873.4**	**1100.6**	**1193.2**	**1347.5**	**587.5**	**602.2**	**747.0**	**959.4**	**1136.2**	**1254.2**	**60.3**	**66.8**	**96.2**	**134.1**	**198.4**	**217.0**
TOTAL IMPORTS	**639.1**	**698.0**	**1069.4**	**1342.0**	**1397.0**	**1684.3**	**961.9**	**897.2**	**1135.4**	**1464.8**	**1613.7**	**1881.3**	**93.1**	**100.1**	**131.9**	**189.4**	**248.9**	**255.3**

All of this data has been taken from the March 1987 *Textile Organon* issue, page 54.

TABLE 8:
PER CAPITA CONSUMPTION OF IMPORTS OF MAN-MADE FIBER, COTTON & WOOL MANUFACTURES AS COMPARED TO PER CAPITA CONSUMPTION OF MAN-MADE FIBER, COTTON & WOOL
POUNDS & *PERCENT*

	IMPORTS															DOMESTIC FIBER CONSUMPTION					
	MAN-MADE FIBER					COTTON					WOOL										
YEAR	TOTAL	%[a]	APPAREL	%[a]	%[b]	TOTAL	%[a]	APPAREL	%[a]	%[b]	TOTAL	%[a]	APPAREL	%[a]	%[b]	MAN-MADE FIBER[c]	%[a]	COTTON	%[a]	WOOL	%[a]
1979	2.3		1.6		*+69.6*	3.3		1.9		*+57.6*	0.4		0.2		*+50.0*	37.5		14.8		0.9	
1980	2.4	*+4.3*	1.7	*+6.2*	*+70.8*	3.5	*+6.1*	2.0	*+5.3*	*+57.1*	0.4	--	0.2	--	*+50.0*	33.5	*-10.7*	14.7	*-0.7*	0.9	--
1981	2.8	*+16.7*	1.9	*+11.8*	*+67.9*	4.2	*+20.0*	2.2	*+10.0*	*+52.4*	0.4	--	0.2	--	*+50.0*	33.4	*-0.3*	14.5	*-1.4*	1.0	*+11.1*
1982	3.0	*+ 7.1*	2.1	*+10.5*	*+70.0*	3.8	*-9.5*	2.2	--	*+57.9*	0.4	--	0.2	--	*+50.0*	29.6	*-11.4*	13.5	*-6.9*	0.9	*-10.0*
1983	4.5	*+50.0*	2.4	*+14.3*	*+53.3*	4.8	*+26.3*	2.6	*+18.2*	*+54.2*	0.6	*+50.0*	0.2	--	*+33.3*	36.5	*+23.3*	15.8	*+17.0*	1.2	*+33.3*
1984	5.6	*+24.4*	2.9	*+20.8*	*+51.8*	6.2	*+29.2*	3.2	*+23.1*	*+51.6*	0.8	*+33.3*	0.3	*+50.0*	*+37.5*	36.4	*-0.3*	16.5	*+4.4*	1.4	*+16.7*
1985	5.8	*+3.6*	3.3	*+13.8*	*+56.9*	6.7	*+8.1*	3.7	*+15.6*	*+55.2*	1.0	*+25.0*	0.6	*+100.0*	*+60.0*	37.4	*+2.7*	17.0	*+3.0*	1.4	--
1986	7.0	*+20.7*	3.8	*+15.2*	*+54.3*	7.8	*+16.4*	4.1	*+10.8*	*+52.6*	1.1	*+10.0*	0.6	--	*+54.5*	39.8	*+6.4*	20.3	*+19.4*	1.7	*+21.4*

a. Percent change from previous year.

b. Percent of apparel as compared to total imports of semimanufactured and manufactured products.

c. Excludes Glass Fiber. Data on Glass Fiber is no longer available due to company disclosure. This series, including Glass Fiber, was last published in the May 1985 issue.

MAY 1987 CAPACITY SURVEY ANALYSIS

U.S. Man-Made Fiber Capacity Utilization at 88.9%

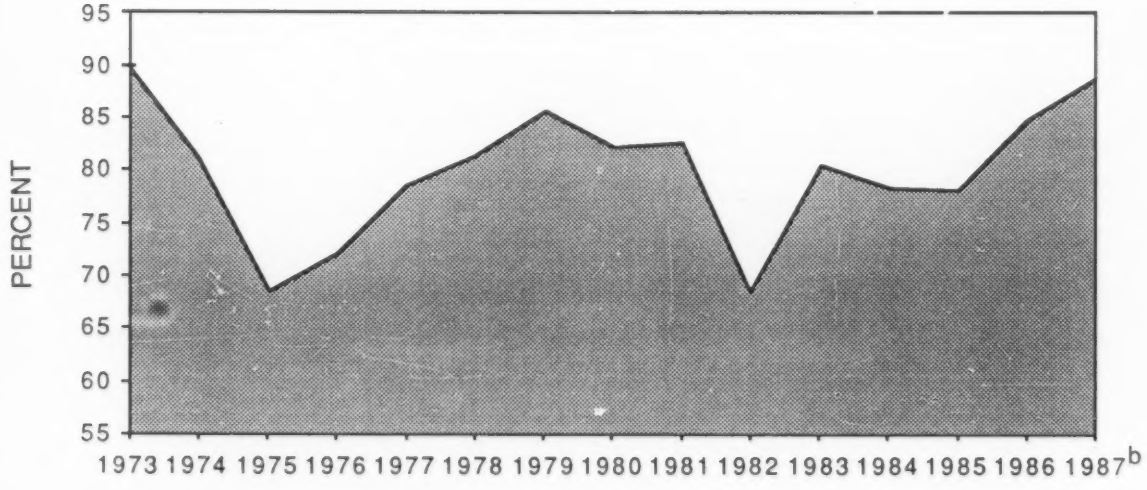
Based on yearly January - April production data and May 1987 Capacity Survey results, the capacity utilization rate for the U.S. man-made fiber industry stood at 88.9%, as compared to 84.9% in 1986 (Graph 3).

Total industry capacity (excluding textile glass) fell to 9,870 million pounds, 0.8% below the 9,946 million pounds recorded in the November 1986 Survey.

Since November 1986, the noncellulosic filament yarn capacity fell from 4,575 million pounds to 4,521 million pounds, with a major reduction in polyester textile yarn.

In 1987, capacity for noncellulosic staple+tow declined 0.5% to 4,640 million pounds, the lowest level since November 1978, when capacity stood at 4,571 million pounds (Table 10). A major reduction was shown in polyester staple+tow where the capacity dropped from 2,491 million pounds in November 1986 to 2,451 million pounds in May 1987.

GRAPH 3:
INDUSTRY CAPACITY UTILIZATION [a]



a. Cellulosic and noncellulosic fiber excludes textile glass.
b. Based on May 1987 capacity survey and annualized January - April production data.

TABLE 9:
U.S. MAN-MADE FIBER PRODUCTION & PRODUCING CAPACITY
MILLION POUNDS

PERIOD	CELLULOSIC FIBERS							NONCELLULOSIC FIBERS [a]			GRAND TOTAL MAN-MADE FIBERS EXCLUDING TEXTILE GLASS			NON-ADD TEXTILE GLASS TOTAL [d]
	FILAMENT YARN+MONOFIL			STAPLE+TOW			TOTAL	YARN +MONO	STAPLE +TOW	TOTAL	YARN +MONO [c]	STAPLE +TOW	TOTAL	
	RAYON	ACETATE [b]	TOTAL	RAYON	ACETATE [b]	TOTAL								
ACTUAL ANNUAL PRODUCTION														
1973	198	437	635	697	25	722	1357	3339	2970	6309	3974	3692	7666	688
1974	172	362	534	645	20	665	1199	3443	2780	6223	3977	3445	7422	683
1975	65	301	366	371	12	383	749	3209	2677	5886	3575	3060	6635	546
1976	68	287	355	475	11	486	841	3306	3320	6626	3661	3806	7467	676
1977	71	282	353	527	8	535	888	3674	3654	7328	4027	4189	8216	787
1978	62	301	363	535	7	542	905	3830	3953	7783	4193	4495	8688	923
1979	57	317	374	549	7	556	930	4155	4282	8437	4529	4838	9367	1014
1980	47	309	356	443	7	450	806	3744	4148	7892	4100	4598	8698	867
1981	48	257	305	461	4	465	770	3815	4191	8006	4120	4656	8776	1041
1982	33	195	228	355	1	356	584	3057	3403	6460	3285	3759	7044	899
1983	36	228	264	375	1	376	640	3568	3970	7538	3832	4346	8178	1169
1984	41	198	239	389	+	389	628	3525	3947	7472	3764	4336	8100	1394
1985			205 g			353 g	558	3790	3773	7563	3995	4126	8121	NA
1986			215 g			404 g	619	3836	3992	7828	4051	4396	8447	NA
ACTUAL & PROJECTED CAPACITY, ANNUAL RATE, AS OF-														
NOV 1973 e	224	473	697	768	28	796	1493	3738	3302	7040	4435	4098	8533	739
NOV 1974 e	172	449	621	724	28	752	1373	4175	3584	7759	4796	4336	9132	821
NOV 1975 e	100	384	484	737	18	755	1239	4640	3796	8436	5124	4551	9675	909
NOV 1976 e	85	399	484	691	18	709	1193	4878	4254	9132	5362	4963	10325	893
NOV 1977 e	85	315	400	655	8	663	1063	4974	4394	9368	5374	5057	10431	1002
NOV 1978 e	83	330	413	665	8	673	1086	5000	4571	9571	5413	5244	10657	1118
NOV 1979 e	75	355	430	671	8	679	1109	5126	4678	9804	5556	5357	10913	1305
NOV 1980 e	63	324	387	514	8	522	909	4933	4714	9647	5320	5236	10556	1473
NOV 1981 e	52	332	384	509	5	514	898	4766	4950	9716	5150	5464	10614	1561
NOV 1982 e	63	318	381	510	4	514	895	4583	4781	9364	4964	5295	10259	1718
NOV 1983 e	63	268	331	510	4	514	845	4477	4827	9304	4808	5341	10149	1618
NOV 1984 e	63	268	331	510	4	514	845	4509	4981	9490	4840	5495	10335	1743
NOV 1985 e			269 g	510	5	515	784	4698	4890	9588	4967	5405	10372	1769
NOV 1986 e			244 g			465 g	709	4575	4662	9237	4819	5127	9946	1763
MAY 1987 e			244 g			465 g	709	4521	4640	9161	4765	5105	9870	1747
NOV 1987 f			244 g			465 g	709	4622	4730	9352	4866	5195	10061	1779
MAY 1988 f			244 g			465 g	709	4665	4701	9366	4909	5166	10075	1798
NOV 1988 f			244 g			465 g	709	4715	4715	9430	4959	5180	10139	1813
MAY 1989 f			244 g			465 g	709	4762	4720	9482	5006	5185	10191	1813

NA No longer available.

a. Included are those listed in the November ***Organon*** issue, with the exception of Aramid fiber as of November 1983. Yarn+mono includes olefin film fiber and spunbonded polypropylene. Staple+tow includes fiberfill.

b. Data include diacetate and triacetate. The acetate staple+tow data do not include the large quantities for cigarette filtration.

c. Grand Total Yarn includes the yarn+mono shown, excluding textile glass fiber.

d. Textile Glass fiber, all types.

e. Actual producing capacity as of the date shown.

f. Future producing capacity planned for certain dates as of NOV 1987.

g. Detail withheld to prevent disclosure of company data.

SURVEY COVERAGE & DEFINITIONS

The survey figures shown in Table 10 on page 94 cover the man-made fibers in all their primary forms; i.e., filament yarn, monofilaments, polypropylene spunbonded and film fiber are tabulated as filament yarn, while staple, tow and fiberfill are tabulated as staple. The glass fiber data cover all primary forms of that fiber (yarn and strand, staple yarn and sliver, roving and cake, chopped and milled fiber and mat) although only an aggregate figure is published to avoid disclosure of individual company data. **Glass fiber data are no longer included with the filament yarn totals. The data was last published in the December 1984 issue.** The "capacity" to produce waste is ***not*** included in this survey.

Capacity is based on the current and projected "mix" of deniers, filament counts, packages, etc. It is ***emphasized*** that all figures refer to ***current*** and ***planned*** capacity. ***They are not to be interpreted as a production forecast.***

Under the survey definitions, all productive equipment which is currently, or is planned to be, in operable condition is counted as capacity, regardless of whether it is actually producing fiber at the time the capacity measurement is taken. Equipment which is scheduled for scrapping, or which has been scrapped since the last survey, is excluded from the capacity tabulation. The capacity data reflect ***potential,*** rather than ***operating*** capacity.

TABLE 10:
NONCELLULOSIC FIBER CAPACITY DETAIL
MILLION POUNDS & Average Denier

PERIOD	FILAMENT YARN, MONOFIL & OLEFIN FILM FIBER												STAPLE, TOW & FIBERFILL					NON-CELLULOSIC TOTAL
	NYLON+ARAMID				POLYESTER			OLEFIN[a]					NYLON + ARAMID	ACRYL +MOD-ACRYL	POLY-ESTER	OLEFIN + VINYON[f]	TOTAL	
	IND	CARP	TEXTILE		IND	TEXTILE		YARN	MONO[b]	FILM[b]	OTHER[c]	TOTAL						
			LBS	DEN		LBS	DEN											
NOV 1973 d	466	707	534	*NA*	385	1118	*NA*	106	214	190	18	3738	701	787	1709	105	3302	7040
NOV 1974 d	483	770	552	*NA*	403	1351	*NA*	125	254	221	16	4175	757	824	1899	104	3584	7759
NOV 1975 d	503	786	553	*NA*	391	1576	*NA*	168	313	334	16	4640	827	827	2021	121	3796	8436
NOV 1976 d	519	787	552	*54*	442	1701	*133*	178	312	371	16	4878	910	869	2355	120	4254	9132
NOV 1977 d	523	829	558	*55*	443	1698	*126*	173	336	398	16	4974	939	869	2470	116	4394	9368
NOV 1978 d	510	908	565	*53*	443	1643	*116*	174	347	394	16	5000	1023	865	2554	129	4571	9571
NOV 1979 d	513	950	579	*51*	443	1699	*114*	172	342	408	20	5126	1020	839	2673	146	4678	9804
NOV 1980 d	515	910	551	*52*	400	1637	*113*	120	350	430	20	4933	991	830	2759	134	4714	9647
NOV 1981 d	514	893	553	*49*	316	1481	*114*	178	356	455	20	4766	1010	835	2839	266	4950	9716
NOV 1982 d	474	925	513	*53*	338	1265	*119*	209	369	460	30	4583	978	832	2700	271	4781	9364
NOV 1983 d	440	907	494	*52*	337	1170	*122*	240	375	484	30	4477	1017	826	2704	280	4827	9304
NOV 1984 d	437	926	470	*57*	342	1162	*121*	270	386	486	30	4509	1054	807	2784	336	4981	9490
NOV 1985 d	437	965	466	*53*	374	1097	*126*	304	412	613	30	4698	1067	631	2785	407	4890	9588
NOV 1986 d	435	964	398	*51*	401	1021	*123*	286	407	633	30	4575	1077	637	2491	457	4662	9237
MAY 1987 d	432	1005	416	*50*	399	966	*121*	296	327[g]	650	30	4521	1102	647	2451	440	4640	9161
NOV 1987 e	430	1035	425	*50*	404	963	*122*	339	338	658	30	4622	1137	652	2477	464	4730	9352
MAY 1988 e	427	1038	425	*50*	404	937	*121*	369	350	685	30	4665	1142	657	2431	471	4701	9366
NOV 1988 e	424	1041	445	*50*	414	937	*121*	389	350	685	30	4715	1147	657	2431	480	4715	9430
MAY 1989 e	421	1049	455	*50*	419	937	*121*	416	350	685	30	4762	1152	657	2431	480	4720	9482

Note: As of the November 1983 survey, nylon capacity data no longer include Aramid fiber.

NA Not available.

IND Industrial yarn and monofil, i.e., 500 denier & coarser, with an Instron tenacity of 7 grams per denier or more.

CARP Bulked continuous filament yarn for carpets.

TEXTILE Yarn & monofil for other (textile) applications. Low denier industrial yarn is tabluated here also.

a. Includes polyethylene & polypropylene. Not included here are data on spunbonded polyethylene, monofilament bristles, film fiber used for decorative or tying ribbons, etc.

b. Includes the circular and rectangular (ribbon) cross sections plus spunbonded polypropylene. Olefin film fiber includes slit and split or fibrillated fiber.

c. Other yarn & monofil is chiefly saran and spandex. Aramid data are included with nylon.

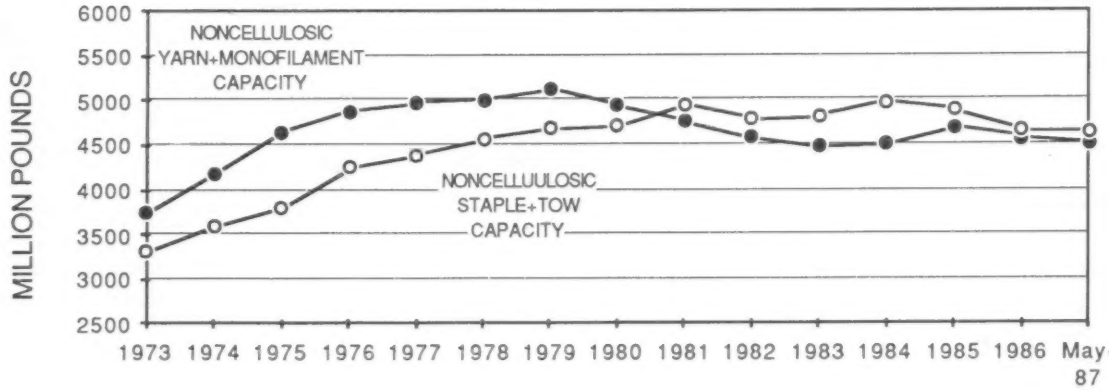
d. Actual producing capacity as of date shown.

e. Future producing capacity planned for certain dates as of NOV 1987.

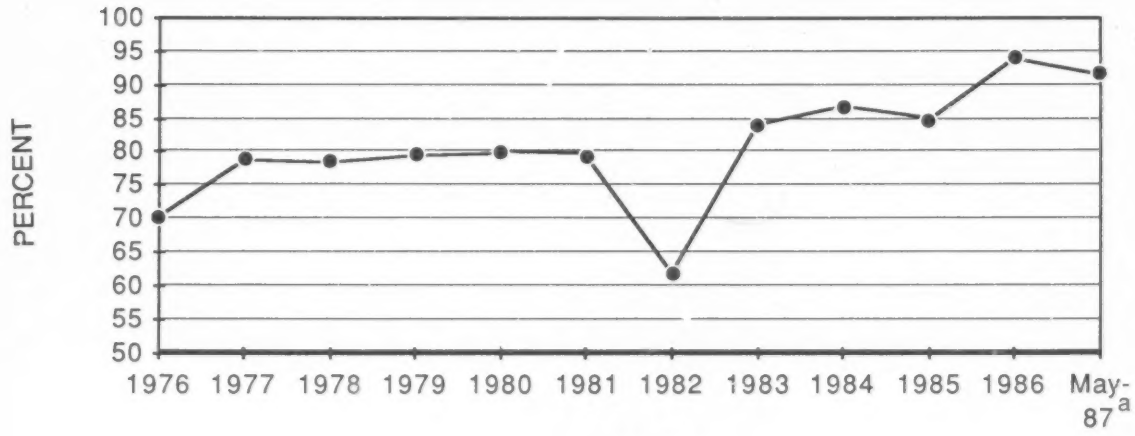
f. Data since November 1986 does not include Vinyon.

g. May 1987 drop in capacity for Olefin monofilament reflects incomplete capacity survey.

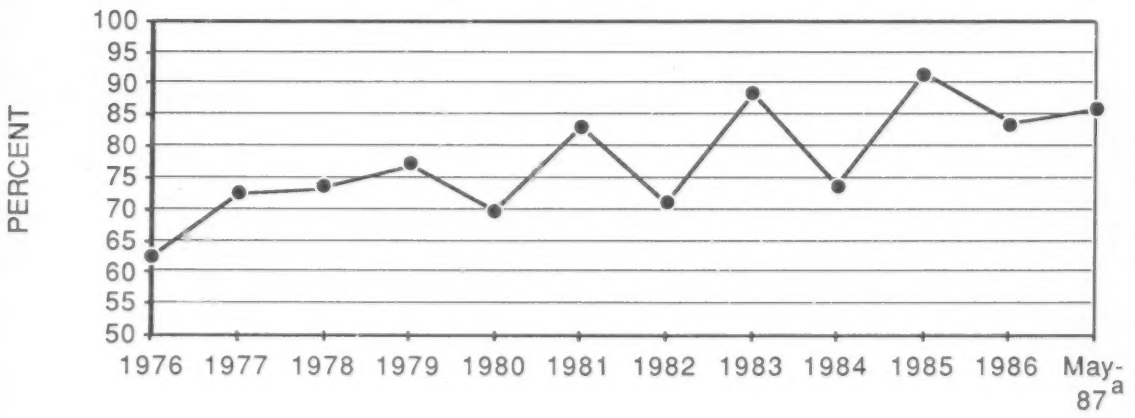
GRAPH 4:
NONCELLULOSIC YARN+MONOFILAMENT CAPACITY VS.
STAPLE+TOW CAPACITY



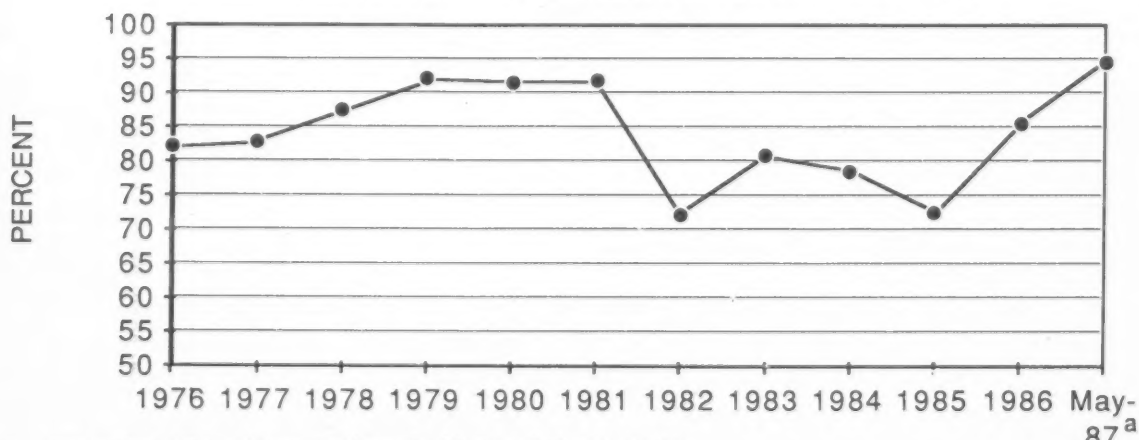
GRAPH 5:
NYLON CARPET YARN CAPACITY UTILIZATION



GRAPH 6:
POLYESTER TEXTILE YARN CAPACITY UTILIZATION



GRAPH 7:
POLYESTER STAPLE+TOW CAPACITY UTILIZATION



a. Based on May 1987 capacity survey and annualized January - April production data.

TRADE BAROMETER

RECENT MAN-MADE FIBER TRADE BALANCE DECLINES: IMPORTS AND EXPORTS RISE

In March, the U.S. man-made fiber balance of trade fell to 29.2 million pounds, down 3.6% from 30.3 million pounds in February.

March man-made fiber exports totaled 66.1 million pounds, up 4% from the previous month's exports. Imports rose to 36.9 million pounds, up 11% from 33.2 million pounds in February.

Noncellulosic yarn+monofilament imports rose to 11.9 million pounds, up 1% from the February level of 11.8 million pounds. In March, Mexico and Fed. Rep. of Germany emerged as significant suppliers of these, accounting for 21% and 20% respectively.

For the first 3 months of 1987, imports for consumption of noncellulosic fibers increased significantly over the same period in 1986. Noncellulosic yarn+monofilament imports increased 31%, while staple+tow imports rose 7%.

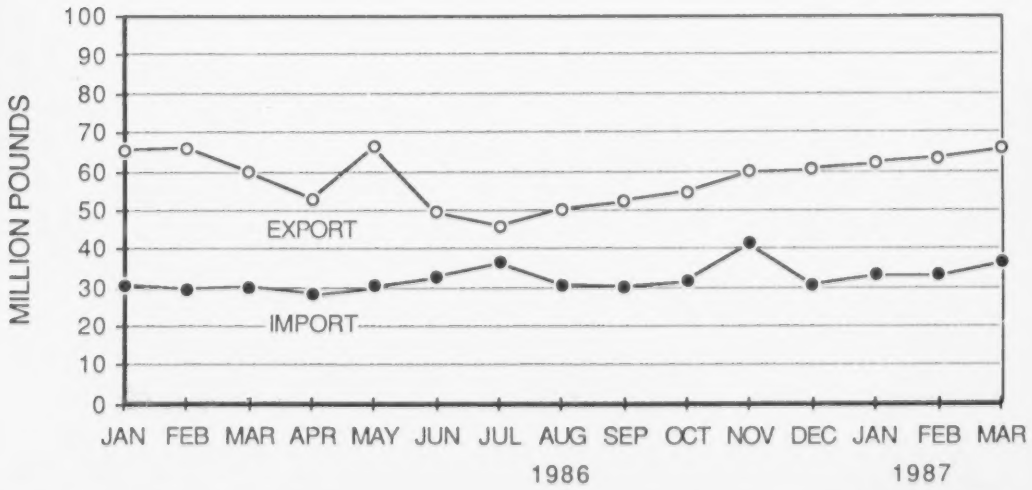
There were notable increases in U.S. imports of noncellulosic yarn+monofilament from the following countries:

- Mexico increased 153% to 5.7 million pounds.
- Canada increased 81% to 4.5 million pounds.
- Fed. Rep. of Germany increased 73% to 6.6 million pounds.

There were significant increases in U.S. imports of noncellulosic staple+tow from the following countries:

- Canada increased 60% to 9.4 million pounds.
- Italy increased 35% to 6.1 million pounds.
- Rep. of Korea increased 74% to 2.4 million pounds.
- Mexico increased 57% to 4.9 million pounds.

GRAPH 8:
IMPORTS VS. EXPORTS OF MAN-MADE FIBER



GRAPH 9:
MAN-MADE FIBER MONTHLY TRADE BALANCE

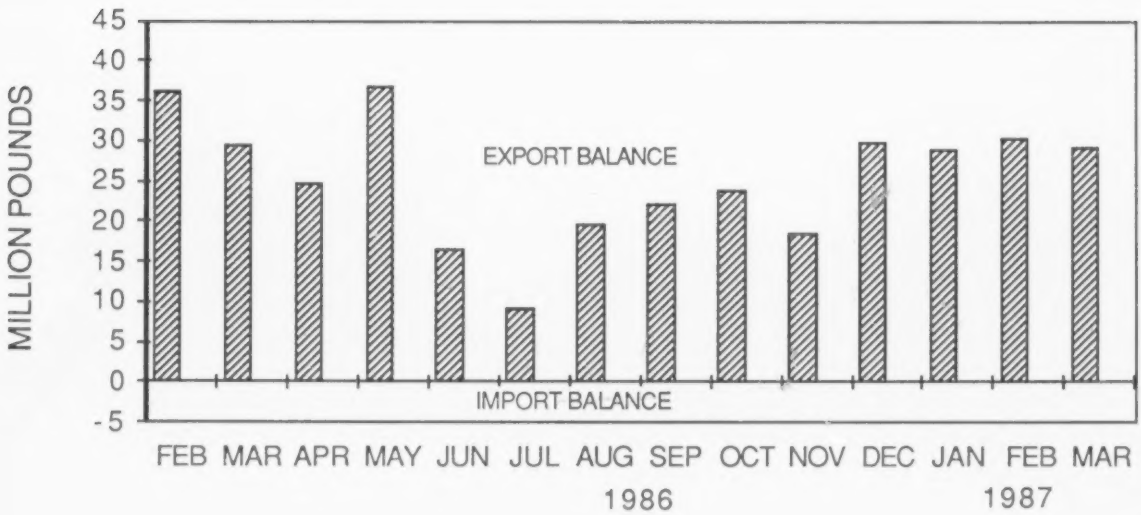


TABLE 11:
MAN-MADE FIBER MONTHLY TRADE BALANCE
MILLION POUNDS

	CELLULOSIC YARN & MONOFIL			CELLULOSIC STAPLE+TOW			NONCELLULOSIC YARN & MONOFIL			NONCELLULOSIC STAPLE+TOW			CELLULOSIC WASTE			NONCELLULOSIC WASTE			TOTAL		
1986	IMP	EXP	BAL	IMP	EXP	BAL	IMP	EXP	BAL	IMP	EXP	BAL	IMP	EXP	BAL	IMP	EXP	BAL	IMP	EXP	BAL
JANUARY	1.4	0.5	-0.9	1.6	2.4	+0.8	8.3	28.9	+20.6	16.0	25.2	+9.2	+	0.1	+0.1	3.4	8.5	+5.1	30.7	65.6	+34.9
FEBRUARY	1.3	0.5	-0.8	1.1	2.6	+1.5	8.4	24.1	+15.7	14.9	27.0	+12.1	0	0.2	+0.2	3.9	11.9	+8.0	29.6	66.3	+36.7
MARCH	1.4	0.7	-0.7	1.5	5.5	+4.0	8.8	23.3	+14.5	15.1	20.7	+5.6	+	0.2	+0.2	3.4	9.6	+6.2	30.2	60.0	+29.8
APRIL	1.6	0.7	-0.9	1.4	1.0	-0.4	7.3	20.9	+13.6	14.6	18.6	+4.0	+	0.3	+0.3	3.5	11.7	+8.2	28.4	53.2	+24.8
MAY	2.0	0.8	-1.2	1.2	2.6	+1.4	9.9	29.9	+20.0	14.1	22.7	+8.6	+	0.1	+0.1	3.3	10.3	+7.0	30.5	66.4	+35.9
JUNE	1.3	0.6	-0.7	1.3	1.7	+0.4	12.3	19.4	+7.1	14.2	18.2	+4.0	+	0.2	+0.2	3.7	9.4	+5.7	32.8	49.5	+16.7
JULY	1.2	0.6	-0.6	1.7	3.2	+1.5	13.0	19.5	+6.5	16.6	17.8	+1.2	0	0.1	+0.1	3.9	4.8	+0.9	36.4	46.0	+9.6
AUGUST	1.2	0.4	-0.8	1.5	3.0	+1.5	11.2	17.8	+6.6	14.7	18.2	+3.5	0	0.4	+0.4	2.3	10.7	+8.4	30.9	50.5	+19.6
SEPTEMBER	1.3	0.8	-0.5	1.7	1.6	-0.1	9.4	17.7	+8.3	14.6	21.1	+6.5	+	0.1	+0.1	3.3	11.1	+7.8	30.3	52.4	+22.1
OCTOBER	1.3	0.7	-0.6	1.7	3.3	+1.6	11.5	16.1	+4.6	14.8	23.6	+8.8	+	0.4	+0.4	2.5	10.7	+8.2	31.8	54.8	+23.0
NOVEMBER	1.7	0.5	-1.2	1.8	3.8	+2.0	14.3	17.8	+3.5	19.6	23.2	+3.6	0	0.2	+0.2	4.1	14.5	+10.4	41.5	60.0	+18.5
DECEMBER	1.2	0.5	-0.7	0.9	1.9	+1.0	11.4	20.2	+8.8	14.3	27.5	+13.2	0	+	+	3.0	10.5	+7.5	30.8	60.6	+29.8
TOTAL	16.9	7.3	-9.6	17.4	32.6	+15.2	125.8	255.6	+129.8	183.5	263.8	+80.3	+	2.3	+2.3	40.3	123.7	+83.4	383.9	685.3	+301.4
1987																					
JANUARY	1.3	0.5	-0.8	1.0	4.0	+3.0	10.4	17.6	+7.2	16.8	32.4	+15.6	0	0.2	+0.2	3.8	7.5	+3.7	33.3	62.2	+28.9
FEBRUARY	0.8	0.5	-0.3	1.4	1.8	+0.4	11.8	18.7	+6.9	15.5	32.1	+16.6	0	0.2	+0.2	3.7	10.2	+6.5	33.2	63.5	+30.3
MARCH	0.9	0.8	-0.1	1.7	3.3	+1.6	11.9	18.9	+7.0	16.9	30.1	+13.2	0	+	+	5.5	13.0	+7.5	36.9	66.1	+29.2

SOURCES: The fiber import and export data are from the U.S. Bureau of the Census (Reports IM145X and EM522).
+ Net export balance.
- Net import balance.

TABLE 12:
U.S. EXPORTS OF MAN-MADE FIBERS

THOUSAND POUNDS

ITEM	COMMODITY NUMBER AS OF 1/1/87	1987 JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR TO DATE 1987	1986
CELLULOSIC FIBERS															
FILAMENT YARN [a]															
TEXTURED	310.0004	43	100	101										244	8
OTHER [b]	310.0026	475	365	639										1479	1694
MONOFILAMENTS	309.0110	0	0	0										0	43
STRIPS	309.2210	1	1	40										42	1
SUBTOTAL ABOVE		**519**	**466**	**780**										**1765**	**1746**
STAPLE+TOW-RAYON	309.4222	3930	1732	3107										8769	10075
STAPLE-ACETATE	309.4219	33	112	156										301	439
SUBTOTAL ABOVE		**3963**	**1844**	**3263**										**9070**	**10514**
WASTE, ADVANCED&NOT ADVANCED	309.7400	**231**	**169**	**47**										**447**	**458**
NONCELLULOSIC FIBERS															
YARN - SINGLES															
NYLON - TEXTURED	310.0005 & .0007	2678	2441	2542										7661	5533
- HIGH TENACITY [c]	310.0027	7294	6373	5419										19086	18399
- OTHER	310.0029	636	684	605										1925	3152
POLYESTER - TEXTURED	310.0010	2151	2949	3145										8245	25730
- HIGH TENACITY [c]	310.0032	1691	1913	2308										5912	4639
- OTHER [d]	310.0034	160	233	152										545	953
OTHER - TEXTURED	310.0014	1053	1386	1502										3941	10929
- OLEFIN	310.0040	74	35	53										162	1102
- OTHER	310.0044	389	577	654										1620	1291
MONOFILAMENTS, ALL DENIERS															
NYLON	309.0120	416	687	641										1744	975
POLYESTER	309.0140	322	523	524										1369	1506
OTHER	309.0170	478	492	875										1845	1270
STRIPS	309.2220 & .2270	259	424	470										1153	797
SUBTOTAL ABOVE		**17601**	**18717**	**18890**										**55208**	**76276**
STAPLE - NYLON	309.4240	2060	1757	2615										6432	3415
- POLYESTER	309.4242	18819	17019	16575										52413	23273
- ACRYLIC	309.4245	4792	3355	2531										10678	20764
- OLEFIN	309.4246	1893	2016	2642										6551	4440
- OTHER	309.4247	1004	3194	2027										6225	5148
GROUPED FILAMENTS															
NYLON	309.3220	283	737	386										1406	764
POLYESTER [d]	309.3240	1941	1832	1578										5351	6744
ACRYLIC	309.3250 & .3255	1653	2207	1805										5665	8300
SUBTOTAL ABOVE		**32445**	**32117**	**30159**										**94721**	**72848**
WASTE, ADVANCED&NOT ADVANCED															
- NYLON	309.7620	1021	1143	1095										3259	1513
- POLYESTER	309.7630	2830	4649	5303										12782	14460
- ACRYLIC	309.7640	1086	1362	1545										3993	2273
- OTHER	309.7660	2543	3090	5034										10667	11771
SUBTOTAL ABOVE		**7480**	**10244**	**12977**										**30701**	**30017**
TOTAL MAN-MADE ABOVE		**62239**	**63557**	**66116**										**191912**	**191859**
TEXTILE GLASS FIBER	309.2700 & .9700	5992	6585	7160										19737	13948
GRAND TOTAL ABOVE		**68231**	**70142**	**73276**										**211649**	**205807**

SOURCE: U.S. Census Bureau Report EM522

a. Includes thrown, singles and plied yarn.

b. Includes an undetermined amount of rayon tire cord and cord fabric.

c. Includes an undetermined amount of noncellulosic tire cord and cord fabric.

d. Includes zero twist yarns.

TABLE 13:
U.S. MAN-MADE FIBER IMPORTS FOR CONSUMPTION

THOUSAND POUNDS

ITEM	COMMODITY NUMBER AS OF 1/1/87	1987 JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR TO DATE 1987	1986
CELLULOSIC FIBERS															
YARN - SINGLES															
TEXTURED	310.0106 & .0206	29	139	0										168	87
OTHER	310.0130 & .0230[a]	1237	691	891										2819	3807
MONOFILAMENTS	309.0310 & .0610	0	5	0										5	11
STRIPS, $1/LB & UNDER	309.2000*	1	0	0										1	214
SUBTOTAL ABOVE		**1267**	**835**	**891**										**2993**	**4119**
STAPLE	309.4320 & .4325	867	1402	1569										3838	3917
GROUPED FILAMENTS	309.3010 & .3310	118	22	91										231	309
SUBTOTAL ABOVE		**985**	**1424**	**1660**										**4069**	**4226**
WASTE, ADVANCED&NOT ADVANCED	309.6615 & .7510	**0**	**0**	**0**										**0**	+
NONCELLULOSIC FIBERS															
YARN - SINGLES															
TEXTURED - NYLON															
LESS THAN 450	310.0107 & .0207	142	163	113										418	548
MORE THAN 450	310.0108 & .0208	2592	2933	3169										8694	4118
- POLYESTER	310.0110 & .0210	1000	2243	1670										4913	3289
- OTHER	310.0114 & .0214	1876	2010	1396										5282	5523
OTHER - NYLON	310.0149 & .0249	2008	2121	2350										6479	4669
- POLYESTER	310.0150 & .0250	1918	1327	2088										5333	5619
- OTHER	310.0170 & .0270[b]	417	486	610										1513	1146
MONOFILAMENTS	309.0200 & .0330[c]	272	281	265										818	798
STRIPS, OVER $1/LB	309.2100 & .2500*	199	196	235										630	297
SUBTOTAL ABOVE		**10424**	**11760**	**11896**										**34080**	**26007**
STAPLE - NYLON	309.4331 & .4351	5346	4106	5357										14809	11882
- POLYESTER	309.4336 & .4361	5335	5030	5122										15487	9257
- ACRYLIC	309.4366	1216	839	1202										3257	3182
- OLEFIN	309.4371	2	153	42										197	994
- OTHER	309.4341 & .4390	479	1269	1233										2981	6228
GROUPED FILAMENTS															
NYLON	309.3030 & .3200	3012	2523	2383										7918	10049
POLYESTER	309.3040 & .3340	367	279	441										1087	501
ACRYLIC	309.3050 & .3350	861	1144	1073										3078	3258
OTHER	309.3065 & .3365	139	138	141										418	685
SUBTOTAL ABOVE		**16757**	**15481**	**16994**										**49232**	**46036**
WASTE, NOT ADVANCED															
- NYLON	309.6625	2279	2182	3100										7561	6159
- POLYESTER	309.6630	1077	823	1475										3375	1428
- ACRYLIC	309.6645	20	53	0										73	6
- OTHER	309.6660	415	518	810										1743	1961
NOILS & GARNETTED FIBERS	309.7000*	0	0	0										0	59
OTHER WASTE, ADVANCED	309.7525 - .7555	42	153	67										262	1053
SUBTOTAL ABOVE		**3833**	**3729**	**5452**										**13014**	**10666**
TOTAL MAN-MADE ABOVE		**33266**	**33229**	**36893**										**103388**	**91054**
OTHER MAN-MADE FIBER TOPS, YARN & THREAD															
YARN - PLIED															
TEXTURED - CELLULOSIC	310.1506	0	0	+										0	30
- NONCELLULOSIC	310.1015[d]& .1205[e]	142	337	593										1072	3200
OTHER - CELLULOSIC	310.1030 & .1535[f]	8	85	7										100	13
- NONCELLULOSIC	310.1050 & .1070[g]	336	339	306										981	141
SPUN YARN - CELLULOSIC	310.4005 & .4030[h]	151	112	165										428	487
- OTHER	310.4015 & .4027[i]	2574	3765	3232										9571	9321
OTHER YARNS - NES, INCL. CHENILLE	310.6034 - .8000	1493	1673	1629										4795	1440
HANDWORK YARNS & SEWING THREAD	310.9000 & .9310[j]	631	662	217										1710	1253
SLIVER, TOPS & ROVING	309.9000	383	279	281										943	1014
TEXTILE GLASS FIBER	309.2800 & .2900[k]	1431	1672	1653										4756	7875
GRAND TOTAL ABOVE		**40615**	**42153**	**44976**										**127744**	**115828**

SOURCE: U.S. Census Bureau Report IM145X.

NES Not elsewhere specified.

\+ Nominal quantity.

* These items are not reported by the Census as cellulosic vs. noncellulosic. Any seperation between cellulosic and noncellulosic is estimated, based mainly on average declared value.

a. Also includes 310.0610.

b. Also includes 310.0550, .0630 & .0650.

c. Also includes 309.0340, .0365, .0500, .0630, .0640 & .0665.

d. There may be some acetate yarn in these data, but the Census figures do not permit a segregation.

e. Also includes 310.1210.

f. Also includes 310.2110.

g. Also includes 310.1510, .1514, .1550, 1555, .1570, .2050, .2130 & .2150.

h. Also includes 310.5005 & .5030.

i. Also includes 310.4046, .4047, .4050, .5015, .5046, .5047, .5049 & .5051.

j. Also includes 310.9320 & .9500.

k. Chiefly roving. Also includes 309.9800 & .9900.

TABLE 14:
SELECTED U.S. MAN-MADE FIBER IMPORTS FOR CONSUMPTION BY COUNTRY OF ORIGIN
THOUSAND POUNDS

ITEMS & COUNTRY	1987 JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR TO DATE 1987	1986
CELLULOSIC YARN, MONOFIL & STRIPS														
BRAZIL	86	29	0										115	138
CANADA	425	368	175										968	846
GERMANY, FED. REP. OF	442	229	561										1232	1549
JAPAN	209	10	39										258	186
KOREA, REP. OF	1	0	0										1	220
MEXICO	3	15	10										28	195
NETHERLANDS	101	43	105										249	543
ALL OTHER COUNTRIES[a]	0	141	1										142	442
TOTAL CELLULOSIC YARN	**1267**	**835**	**891**										**2993**	**4119**
CELLULOSIC STAPLE+TOW														
AUSTRIA	0	40	0										40	259
CANADA	749	1188	1356										3293	2482
JAPAN	59	168	168										395	346
MEXICO	0	0	0										0	419
UNITED KINGDOM	46	5	73										124	224
ALL OTHER COUNTRIES[b]	131	23	63										217	496
TOTAL CELLULOSIC STAPLE+TOW	**985**	**1424**	**1660**										**4069**	**4226**
NONCELLULOSIC YARN, MONOFIL & STRIPS														
AUSTRALIA	4	19	17										40	47
AUSTRIA	0	17	6										23	235
BELGIUM	1408	1377	559										3344	3566
CANADA	890	1976	1613										4479	2477
COSTA RICA	729	515	642										1886	1259
FRANCE	686	685	659										2030	1773
GERMANY, FED. REP. OF	1744	2397	2421										6562	3791
IRELAND	81	58	0										139	88
ISRAEL	162	233	90										485	1006
ITALY	1202	866	1292										3360	2477
JAPAN	964	570	670										2204	2218
MEXICO	1167	2037	2527										5731	2268
NETHERLANDS	93	184	151										428	316
ROMANIA	32	0	25										57	60
SOUTH AFRICA	88	0	0										88	2251
SWITZERLAND	253	+	64										317	149
TAIWAN	14	2	63										79	122
UNITED KINGDOM	735	39	844										1618	1453
ALL OTHER COUNTRIES[c]	172	785	253										1210	451
TOTAL NONCELLULOSIC YARN	**10424**	**11760**	**11896**										**34080**	**26007**
NONCELLULOSIC STAPLE+TOW														
AUSTRALIA	0	0	0										0	94
BELGIUM	21	36	18										75	100
BRAZIL	0	438	236										674	117
CANADA	3125	3071	3201										9397	5911
FRANCE	955	588	532										2075	2964
GERMANY, FED. REP. OF	2586	2611	2194										7391	8384
IRELAND	109	0	0										109	81
ISRAEL	62	0	31										93	171
ITALY	2265	1616	2200										6081	4489
JAPAN	1849	1623	2230										5702	5707
KOREA, REP. OF	935	844	655										2434	1398
MEXICO	1586	1554	1784										4924	3141
ROMANIA	372	86	590										1048	456
SOUTH AFRICA	0	0	0										0	168
SWITZERLAND	71	139	198										408	160
TAIWAN	1911	1487	1338										4736	5803
UNITED KINGDOM	777	1280	1522										3579	6310
ALL OTHER COUNTRIES[d]	133	108	265										506	582
TOTAL NONCELLULOSIC STAPLE+TOW	**16757**	**15481**	**16994**										**49232**	**46036**

\+ Nominal quantity.
Other countries supplying 1987 quantities are:

a. Austria 138, France 3, Belgium 1.

b. Italy 147, Sweden 43, Germany, Fed. Rep. of 23, Finland 3, Belgium 1, France.

c. Yugoslavia 596, Singapore 139, China, PRC 94, Denmark 93, Korea, Rep. of 84, Argentina 55, Turkey 39, Morocco 33, Philippines 27, Chile 14, Thailand 4, Brazil 3, Iceland 1, Greece, Hong Kong.

d. Austria 191, Malaysia 143, Denmark 78, Hong Kong 40, Turkey 37, Netherlands 15, Portugal 1, Sweden 1, Philippines.

TABLE 15:
SELECTED U.S. MONTHLY TEXTILE FIBER DATA

MILLION POUNDS

ITEM	1987 JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR TO DATE[a] 1987	1986
				TOTAL SHIPMENTS[b]										
MAN-MADE FIBER DATA[c]														
YARN+MONOFILAMENTS														
CELLULOSIC YARN	**14.6**	**13.7**	**15.9**	**16.5**									**60.7**	**72.7**
NYLON[d] - INDUSTRIAL[e]	31.0	32.8	30.6	29.5									123.9	113.7
- CARPET	75.1	77.6	79.9	76.9									309.5	287.5
- TEXTILE[g]	30.5	30.4	33.5	32.1									126.5	125.8
POLYESTER - INDUSTRIAL[e]	26.6	27.6	29.4	27.7									111.3	108.4
- TEXTILE[g]	63.3	64.0	72.3	75.7									275.3	293.2
OLEFIN[f]	92.3	87.6	90.8	88.9									359.6	327.6
TOTAL NONCELLULOSIC ABOVE	318.8	320.0	336.5	330.8									1306.1	1256.2
STAPLE+TOW+FIBERFILL														
RAYON	**34.1**	**29.7**	**36.1**	**33.2**									**133.1**	**130.6**
NYLON[d]	84.1	81.2	86.2	88.7									340.2	266.2
ACRYLIC+MODACRYLIC	49.2	50.7	54.2	51.2									205.3	205.9
POLYESTER	184.0	191.7	203.8	194.6									774.1	705.6
OLEFIN+VINYON[h]	28.2	27.9	30.8	31.1									118.0	106.3
TOTAL NONCELLULOSIC ABOVE	345.5	351.5	375.0	365.6									1437.6	1284.0
				END-OF-MONTH STOCK										
YARN+MONOFILAMENTS														
CELLULOSIC YARN	**17.9**	**18.2**	**16.8**	**15.2**									**15.2**	**12.1**
NYLON[d] - INDUSTRIAL[e]	29.2	24.9	26.7	29.0									29.0	26.1
- CARPET	56.6	55.5	52.3	52.4									52.4	52.5
- TEXTILE[g]	49.6	49.4	46.5	47.2									47.2	44.7
POLYESTER - INDUSTRIAL[e]	30.6	30.0	27.8	29.0									29.0	27.2
- TEXTILE[g]	85.6	88.8	87.6	83.2									83.2	96.5
OLEFIN[f]	54.7	55.6	55.6	56.3									56.3	69.5
TOTAL NONCELLULOSIC ABOVE	306.3	304.2	296.5	297.1									297.1	316.5
STAPLE+TOW+FIBERFILL														
RAYON	**24.3**	**26.1**	**23.8**	**24.7**									**24.7**	**20.1**
NYLON[d]	59.3	53.8	58.7	57.7									57.7	89.1
ACRYLIC+MODACRYLIC	68.2	67.9	67.8	70.1									70.1	56.8
POLYESTER	178.0	169.8	162.3	162.4									162.4	148.6
OLEFIN+VINYON[h]	33.3	32.6	30.9	30.3									30.3	31.7
TOTAL NONCELLULOSIC ABOVE	338.8	324.1	319.7	320.5									320.5	326.2
WOOL & COTTON CONSUMPTION														
APPAREL CLASS WOOL	13.8	13.6											27.4	25.8
CARPET CLASS WOOL	0.8	0.8											1.6	1.8
TOTAL RAW WOOL	14.6	14.4											29.0	27.6
RAW COTTON	302.3	281.8	340.3										924.4	797.8

a. "Year-to-date" totals for stock, are the latest month's figures.
b. The monthly production of each fiber may be calculated as total shipments plus a stock increase, or less a stock decrease, over the month.
c. Producers' total domestic plus export shipments.
d. Data for nylon exclude Aramid.
e. Industrial is defined as 500 denier and coarser with an Instron tenacity of 7 grams or more per denier.
f. Olefin yarn+monofilaments also includes spunbonded polypropylene and film fiber produced for textile end uses.
g. Low denier industrial nylon and polyester included with Textile.
h. 1987 data excludes Vinyon.

TABLE 16:
QUARTERLY MAN-MADE FIBER DATA

MILLION POUNDS

ITEM	1985 1ST Q	1985 2ND Q	1985 3RD Q	1985 4TH Q	1985 YEAR	1986 1ST Q	1986 2ND Q	1986 3RD Q	1986 4TH Q	1986 YEAR	1987 1ST Q	1987 2ND Q	1987 3RD Q	1987 4TH Q	1987 YEAR
						YARN+MONOFILAMENTS									
CELLULOSIC YARN[d]															
PRODUCTION	**52.8**	**54.5**	**48.4**	**48.9**	**204.6**	**54.3**	**54.7**	**54.1**	**51.7**	**214.8**	**46.2**				
SHIPMENTS - DOMESTIC	44.4	48.0	46.6	48.1	187.1	48.6	50.4	47.7	45.4	192.1	39.2				
- EXPORT	7.3	6.0	4.6	5.1	23.0	4.7	5.1	4.9	5.5	20.2	5.0				
TOTAL SHIPMENTS	**51.7**	**54.0**	**51.2**	**53.2**	**210.1**	**53.3**	**55.5**	**52.6**	**50.9**	**212.3**	**44.2**				
ENDING STOCK	**18.9**	**19.4**	**16.6**	**12.3**		**13.3**	**12.5**	**14.0**	**14.8**		**16.8**				
NYLON															
PRODUCTION	**370.8**	**360.3**	**386.7**	**397.0**	**1514.8**	**396.9**	**396.5**	**398.3**	**414.6**	**1606.3**	**414.1**				
SHIPMENTS - DOMESTIC	323.7	353.0	368.9	371.8	1417.4	363.4	368.7	377.7	370.6	1480.4	389.3				
- EXPORT	33.5	25.0	33.3	26.6	118.4	26.7	28.2	25.1	32.8	112.8	32.1				
TOTAL SHIPMENTS	**357.2**	**378.0**	**402.2**	**398.4**	**1535.8**	**390.1**	**396.9**	**402.8**	**403.4**	**1593.2**	**421.4**				
ENDING STOCK	**154.3**	**136.6**	**121.1**	**119.7**		**126.5**	**126.1**	**121.6**	**132.8**		**125.5**				
OLEFIN[a]															
PRODUCTION	**231.6**	**251.1**	**234.5**	**237.3**	**954.5**	**245.9**	**255.7**	**259.5**	**296.6**	**1057.7**	**255.8**				
SHIPMENTS - DOMESTIC	223.6	246.0	234.4	233.6	937.6	241.3	258.4	257.8	291.7	1049.2	261.5				
- EXPORT	3.6	3.8	3.2	2.9	13.5	2.4	2.9	2.6	2.6	10.5	2.7				
TOTAL SHIPMENTS	**227.2**	**249.8**	**237.6**	**236.5**	**951.1**	**243.7**	**261.3**	**260.4**	**294.3**	**1059.7**	**264.2**				
ENDING STOCK	**65.9**	**67.2**	**64.1**	**64.9**		**67.1**	**61.5**	**60.6**	**62.9**		**54.5**				
POLYESTER															
PRODUCTION	**316.2**	**340.8**	**345.9**	**318.0**	**1320.9**	**322.2**	**271.5**	**285.5**	**293.5**	**1172.7**	**287.7**				
SHIPMENTS - DOMESTIC	290.1	311.6	309.2	293.3	1204.2	284.8	253.5	273.7	280.4	1092.4	267.8				
- EXPORT	17.7	30.6	29.0	31.0	108.3	21.8	23.8	14.3	17.4	77.3	15.4				
TOTAL SHIPMENTS	**307.8**	**342.2**	**338.2**	**324.3**	**1312.5**	**306.6**	**277.3**	**288.0**	**297.8**	**1169.7**	**283.2**				
ENDING STOCK	**107.9**	**106.5**	**114.2**	**107.9**		**123.5**	**117.7**	**115.2**	**110.9**		**115.4**				
TOTAL NONCELLULOSIC ABOVE															
PRODUCTION	**918.6**	**952.2**	**967.1**	**952.3**	**3790.2**	**965.0**	**923.7**	**943.3**	**1004.7**	**3836.7**	**957.6**				
SHIPMENTS - DOMESTIC	837.4	910.6	912.5	898.7	3559.2	889.5	880.6	909.2	942.7	3622.0	918.6				
- EXPORT	54.8	59.4	65.5	60.5	240.2	50.9	54.9	42.0	52.8	200.6	50.2				
TOTAL SHIPMENTS	**892.2**	**970.0**	**978.0**	**959.2**	**3799.4**	**940.4**	**935.5**	**951.2**	**995.5**	**3822.6**	**968.8**				
ENDING STOCK	**328.1**	**310.3**	**299.4**	**292.5**		**317.1**	**305.3**	**297.4**	**306.6**		**295.4**				
DOMESTIC SHIPMENTS	837.4	910.6	912.5	898.7	3559.2	889.5	880.6	909.2	942.7	3622.0	918.6				
IMPORTS -TEXTURED YARN[b]	16.2	16.2	22.7	17.8	72.9	17.9	19.5	20.4	24.1	81.9	19.3				
- OTHER YARN[b]	11.9	12.0	9.3	8.4	41.6	12.3	13.9	14.7	14.0	54.9	13.3				
- MONOFILAMENTS	0.6	0.6	0.5	0.4	2.1	0.8	0.6	0.5	0.8	2.7	0.8				
TOTAL IMPORTS	28.7	28.8	32.5	26.6	116.6	31.0	34.0	35.6	38.9	139.5	33.4				
TOTAL AVAILABLE	**866.1**	**939.4**	**945.0**	**925.3**	**3675.8**	**920.5**	**914.6**	**944.8**	**981.6**	**3761.5**	**952.0**				
						TEXTILE GLASS FIBER									
PRODUCTION	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**				
SHIPMENTS - DOMESTIC	300.6	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA				
- EXPORT	17.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA				
TOTAL SHIPMENTS	**317.9**	**325.6**	**318.8**	**297.3**	**1259.6**	**330.6**	**352.6**	**333.9**	**322.2**	**1339.3**	**324.2**				
ENDING STOCK	**NA**	**NA**	**NA**	**NA**		**NA**	**NA**	**NA**	**NA**		**NA**				
IMPORTS	7.5	9.4	8.4	9.4	34.7	7.9	6.0	4.4	5.4	23.7	4.7				
TOTAL AVAILABLE	**308.1**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**				

FOOTNOTES FOR TABLE ABOVE & OPPOSITE

NA no longer available.

"Imports" are imports for consumption, as reported by the U.S. Census Bureau.

a. Also include film fiber as well as spunbonded polypropylene.

b. Includes singles and plied.

c. These figures are composites of the nylon, acrylic+mod-acrylic, polyester and olefin staple imports, i.e., Commodity Numbers 309.4338, .4342, .4345, & .4346.

d. Includes both rayon & acetate yarn.

TABLE 16:
QUARTERLY MAN-MADE FIBER DATA *(Continued)*

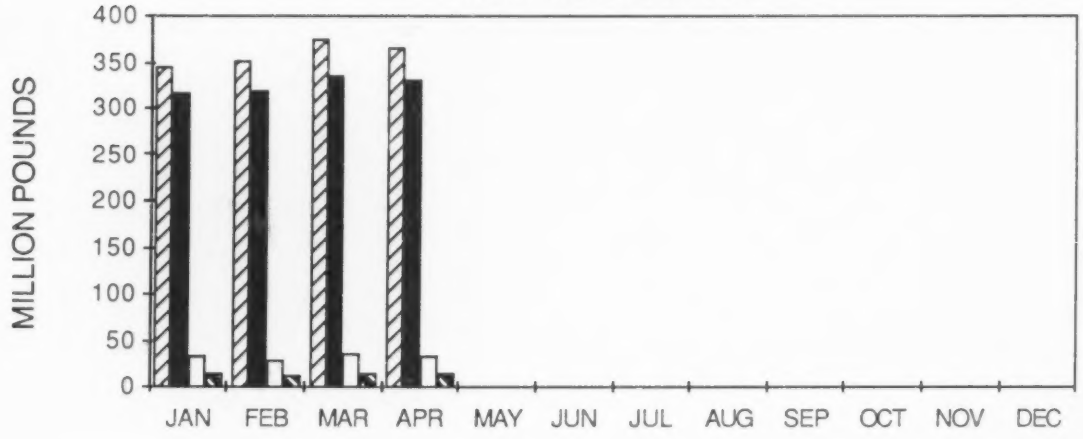
MILLION POUNDS

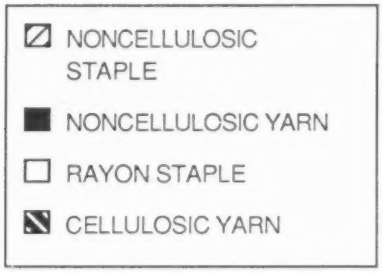
ITEM	1985 1ST Q	1985 2ND Q	1985 3RD Q	1985 4TH Q	1985 YEAR	1986 1ST Q	1986 2ND Q	1986 3RD Q	1986 4TH Q	1986 YEAR	1987 1ST Q	1987 2ND Q	1987 3RD Q	1987 4TH Q	1987 YEAR
						STAPLE+TOW									
RAYON															
PRODUCTION	**85.6**	**85.8**	**87.2**	**94.1**	**352.7**	**95.1**	**99.7**	**103.4**	**105.5**	**403.7**	**101.3**				
SHIPMENTS - DOMESTIC	73.8	76.6	82.9	90.4	323.7	91.6	92.0	95.1	94.3	373.0	91.8				
- EXPORT	7.9	13.5	10.0	3.6	35.0	6.3	6.9	7.3	10.3	30.8	8.1				
TOTAL SHIPMENTS	**81.7**	**90.1**	**92.9**	**94.0**	**358.7**	**97.9**	**98.9**	**102.4**	**104.6**	**403.8**	**99.9**				
ENDING STOCK	**32.4**	**28.1**	**22.4**	**22.5**		**19.7**	**20.5**	**21.5**	**22.4**		**23.8**				
DOMESTIC SHIPMENTS	73.8	76.6	82.9	90.4	323.7	91.6	92.0	95.1	94.3	373.0	91.8				
IMPORTS FOR CONSUMPTION															
STAPLE	3.8	2.2	2.4	2.9	11.3	3.9	3.6	4.6	4.3	16.4	3.9				
GROUPED FILAMENTS	0.3	0.3	0.3	0.2	1.1	0.3	0.3	0.3	0.1	1.0	0.2				
TOTAL IMPORTS	4.1	2.5	2.7	3.1	12.4	4.2	3.9	4.9	4.4	17.4	4.1				
TOTAL AVAILABLE	**77.9**	**79.1**	**85.6**	**93.5**	**336.1**	**95.8**	**95.9**	**100.0**	**98.7**	**390.4**	**95.9**				
NYLON															
PRODUCTION	**191.6**	**200.8**	**215.6**	**219.7**	**827.7**	**220.5**	**207.4**	**236.1**	**244.3**	**908.3**	**247.4**				
SHIPMENTS-DOMESTIC	192.8	202.7	212.9	221.9	830.3	195.2	203.2	254.3	242.2	894.9	246.2				
-EXPORT	3.3	3.1	3.2	3.7	13.3	3.9	2.9	3.0	3.5	13.3	5.3				
TOTAL SHIPMENTS	**196.1**	**205.8**	**216.1**	**225.6**	**843.6**	**199.1**	**206.1**	**257.3**	**245.7**	**908.2**	**251.5**				
ENDING STOCK	**74.1**	**69.1**	**68.6**	**62.7**		**84.1**	**85.4**	**64.2**	**62.8**		**58.7**				
IMPORTS	8.7	8.0	12.5	9.3	38.5	11.9	10.6	14.9	14.6	52.0	14.8				
TOTAL AVAILABLE	**201.5**	**210.7**	**225.4**	**231.2**	**868.8**	**207.1**	**213.8**	**269.2**	**256.8**	**946.9**	**261.0**				
ACRYLIC+MODACRYLIC															
PRODUCTION	**163.0**	**158.5**	**152.1**	**157.2**	**630.8**	**149.0**	**151.1**	**158.0**	**157.8**	**615.9**	**155.7**				
SHIPMENTS-DOMESTIC	105.3	119.7	118.6	115.1	458.7	123.1	143.7	138.7	125.7	531.2	139.4				
-EXPORT	59.0	42.4	46.7	37.0	185.1	27.1	19.2	17.8	18.8	82.9	14.7				
TOTAL SHIPMENTS	**164.3**	**162.1**	**165.3**	**152.1**	**643.8**	**150.2**	**162.9**	**156.5**	**144.5**	**614.1**	**154.1**				
ENDING STOCK	**76.1**	**72.5**	**59.3**	**64.4**		**63.2**	**51.4**	**52.9**	**66.2**		**67.8**				
IMPORTS	3.4	3.6	5.9	4.7	17.6	3.2	4.0	5.3	4.9	17.4	3.3				
TOTAL AVAILABLE	**108.7**	**123.3**	**124.5**	**119.8**	**476.3**	**126.3**	**147.7**	**144.0**	**130.6**	**548.6**	**142.7**				
OLEFIN+VINYON															
PRODUCTION	**69.1**	**72.7**	**75.1**	**77.8**	**294.7**	**82.4**	**82.3**	**84.7**	**85.9**	**335.3**	**85.5**				
SHIPMENTS-DOMESTIC	67.2	71.9	70.8	69.8	279.7	73.9	82.6	76.4	79.8	312.7	81.1				
-EXPORT	1.0	2.0	3.2	2.3	8.5	4.2	4.8	4.8	5.0	18.8	6.9				
TOTAL SHIPMENTS	**68.2**	**73.9**	**74.0**	**72.1**	**288.2**	**78.1**	**87.4**	**81.2**	**84.8**	**331.5**	**88.0**				
ENDING STOCK	**24.1**	**22.9**	**24.0**	**29.7**		**34.0**	**28.9**	**32.4**	**33.5**		**31.0**				
POLYESTER															
PRODUCTION	**520.7**	**512.2**	**468.9**	**518.3**	**2020.1**	**520.8**	**538.7**	**522.1**	**550.7**	**2132.3**	**577.9**				
SHIPMENTS-DOMESTIC	456.3	460.2	462.4	493.8	1872.7	499.1	499.9	496.3	503.3	1998.6	531.3				
-EXPORT	51.0	63.2	29.1	22.6	165.9	25.7	25.0	31.6	42.5	124.8	48.2				
TOTAL SHIPMENTS	**507.3**	**523.4**	**491.5**	**516.4**	**2038.6**	**524.8**	**524.9**	**527.9**	**545.8**	**2123.4**	**579.5**				
ENDING STOCK	**186.9**	**175.7**	**153.1**	**155.0**		**151.0**	**164.8**	**159.0**	**163.9**		**162.3**				
IMPORTS	5.5	7.7	7.3	6.3	26.8	9.3	8.9	8.7	13.9	40.8	15.5				
TOTAL AVAILABLE	**461.8**	**467.9**	**469.7**	**500.1**	**1899.5**	**508.4**	**508.8**	**505.0**	**517.2**	**2039.4**	**546.8**				
TOTAL NONCELLULOSIC															
PRODUCTION	**944.4**	**944.2**	**911.7**	**973.0**	**3773.3**	**972.7**	**979.5**	**1000.9**	**1038.7**	**3991.8**	**1066.5**				
SHIPMENTS-DOMESTIC	821.6	854.5	864.7	900.6	3441.4	891.3	929.4	965.7	951.0	3737.4	998.0				
-EXPORT	114.3	110.7	82.2	65.6	372.8	60.9	51.9	57.2	69.8	239.8	75.1				
TOTAL SHIPMENTS	**935.9**	**965.2**	**946.9**	**966.2**	**3814.2**	**952.2**	**981.3**	**1022.9**	**1020.8**	**3977.2**	**1073.1**				
ENDING STOCK	**361.2**	**340.2**	**305.0**	**311.8**		**332.3**	**330.5**	**308.5**	**326.4**		**319.8**				
DOMESTIC SHIPMENTS	821.6	854.5	864.7	900.6	3441.4	891.3	929.4	965.7	951.0	3737.4	998.0				
IMPORTS FOR CONSUMPTION															
3 FIBERS ABOVE [c]	17.6	19.3	25.7	20.3	82.9	24.4	23.5	28.9	33.4	110.2	33.6				
OTHER N.C. STAPLE	7.1	7.3	8.7	8.2	31.3	7.2	4.4	2.5	2.0	16.1	3.2				
GROUPED FILAMENTS	9.5	11.8	11.9	12.3	45.5	14.4	15.0	14.7	12.4	56.5	12.4				
TOTAL IMPORTS	34.2	38.4	46.3	40.8	159.7	46.0	42.9	46.1	47.8	182.8	49.2				
TOTAL AVAILABLE	**855.8**	**892.9**	**911.0**	**941.4**	**3601.1**	**937.3**	**972.3**	**1011.8**	**998.8**	**3920.2**	**1047.2**				

See footnotes on opposite page.

GRAPH 10:
SELECTED U.S. MONTHLY TEXTILE FIBER DATA

1987 TOTAL SHIPMENTS





1987 END-OF-MONTH STOCK